

AS-BUILT PLANS 12/12/12

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REFLECTORIZED WASHER DETAILS

REFLECTIVE SHEETING TYPE IX (SEC. 913) SHALL COVER SIDE FACING TRAFFIC

ATTACH UNDER BUTTONHEAD BOLT

MATERIALS: ALUMINUM (ASTM B 209 ALLOY 5052 H-32 OR 12 GA. STEEL (ASTM A 526 GALV. M-III) WITH REFLECTIVE SHEETING, AS APPROVED BY THE DEPT. OF TRANSPORTATION LABORATORY.

COLORS: YELLOW IN MEDIANS AND WHITE ON OUTSIDE SHOULDERS

WASHER LOCATION DETAIL

NOTE: FOR 'T'-BEAM GUARDRAIL, WASHER IS PLACED IN THE TOP INDENTION.

* WHERE BOLT DOES NOT EXTEND THRU RAIL REFLECTORIZED WASHER IS ATTACHED UNDER THE SPLICE BOLT ON THE TOP CORRUGATION, IF REQUIRED.

NOSE STRIPING DETAILS

BLACK GLOSS DURABLE INK PRINTED ON TYPE IX REFLECTIVE SHEETING (SEE CURRENT SEC. 913 AND 917)

TYPICAL GUARDRAIL INSTALLATION

ALONG ROADSIDE

TYPICAL GUARDRAIL INSTALLATION

APPROACH END-BRIDGE OR CONCRETE BARRIER

TYPICAL GUARDRAIL INSTALLATION

TRAILING END-BRIDGE OR CONCRETE BARRIER

SPACING OF REFLECTORIZED WASHERS

(A) AT ANCHORAGES:
-TWO (2) REFLECTORIZES WASHERS ARE REQUIRED ON THE RAIL UNDER SPLICE BOLTS AS DIRECTED BY THE ENGINEER FOR ELLIPTICALLY FLARED ANCHORAGES WITH ROUNDED END PIECES;

-NO REFLECTORIZED WASHERS WILL BE USED FOR TANGENTIALLY ALIGNED OR STRAIGHT TAPERED ANCHORAGE WITH EXTRUDER OR IMPACT HEADS

(B) -AT 75 FT. SPACINGS FOR INTERMEDIATE SECTIONS;

(C) -THREE WASHERS AT 6'-3" SPACING AT CONNECTIONS TO CONCRETE FACE ON THE APPROACH END;

(D) -AT 12'-6" SPACINGS AROUND RADII TURNS.

WASHER LOCATION DETAIL

REFLECTORIZED WASHER

BUTTONHEAD BOLT

AT TURNOUTS

TYPICAL GUARDRAIL INSTALLATION

GENERAL NOTES:

1-SPECIFICATIONS: GEORGIA STANDARD, CURRENT EDITION, & SUPPLEMENTS THERETO.

2-SEE SEPARATE STANDARDS FOR DETAILS OF GUARDRAIL INSTALLATIONS, CONNECTING HARDWARE, AND ANCHORAGES.

3-PAYMENT FOR GUARDRAIL AND ANCHORAGES INCLUDES ALL REFLECTORIZED WASHERS AND NOSE STRIPING REQUIRED.

4-ADJUSTMENTS OF SPACINGS AND/OR REQUIREMENTS FOR REFLECTIVE WASHERS MAY BE DIRECTED BY THE ENGINEER TO SUIT INDIVIDUAL LOCATIONS.

5-WHERE DOUBLE FACED GUARDRAIL IS LOCATED ON THE INSIDE SHOULDER OF MEDIANS, REFLECTORIZED WASHERS SHALL BE REQUIRED ONLY ON THE SIDE WHICH IS NEAREST TO TRAFFIC, UNLESS SPECIFIED OTHERWISE.

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

REV.	REFLECTIVE SH. TYPE	4-10-06	4-10-06
BY	REFLEC. SH. SPEC.	2-01	2-01
CHK.	ADD NOSE STRIPING	6-199	6-199
DATE	REVISION		

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
STANDARD REFLECTORIZED GUARDRAIL WASHERS AND ANCHORAGE NOSE STRIPING	
NO SCALE	REV. & REDR. APRIL, 1999
GLO. DES. (SUBMITTED) <i>B. G. Smith</i> PMU. DRWN. STATE ROAD & AIRPORT DESIGN ENGINEER BY CHK. (APPROVED) <i>D. L. Smith</i> CHIEF ENGINEER	NUMBER 4360

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3/11/2007

6PLM

THE LPA GROUP

TRANSPORTATION CONSULTANTS

A UNIT OF MICHAEL BAKER CORPORATION

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NORCROSS, GEORGIA 30092
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REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: INNOVATIVE PROGRAM DELIVERY
GEORGIA STANDARDS

DRAWING No.
41-028